Methyl parathion

298-00-0 | DTXSID1020855

Model Performance

Model	Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.81	0.55	0.81	0.54	0.71	0.61

Model Results

Predicted value: 553 L/kg

Global applicability domain: Inside

Local applicability domain index: 5.26e-01

Confidence level: 7.27e-01

Nearest Neighbors from the Training Set

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Methyl parathion
Measured: 1000
Predicted: 553

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Fenitrothion
Measured: 427
Predicted: 719

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Chlorpyrifos-methyl
Measured: 3310
Predicted: 3240

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Phosphorothioic acid, O,O-diethyl
S-(phenylmethyl) ester
Measured: 251
Predicted: 227

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Demeton-S
Measured: 70.8
Predicted: 90.6